



Grant Projects Database Report for The Delta Region

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
<i>CBDA Program Element: <u>Drinking Water Quality</u></i>				
Veale-Byron Project/Rock Slough & Old River Water Quality Actions	2000	Contra Costa	\$450,000	Contra Costa Water District
Contra Costa County Knightsen Water Quality/Drainage Improvement	2001	Contra Costa	\$100,000	Contra Costa Water District
Hydrologic Flow Measurement & Assessment of Organic Loads	2001	Sacramento	\$300,000	United States Geological Survey
Sources & Magnitudes of Water Quality Constituents of Concern in Drinking Water Supplies Taken From the Sacramento/San Joaquin Delta	2001	Multiple	\$45,000	Jones & Stokes
Assessing the Occurrence & Sources of Microbial Contamination in the Delta Region	2002	Multiple	\$973,311	Metropolitan Water District of Southern California
Determining the Contribution of Riverine In-Delta & Aqueduct Sources of Organic Loads in the State Water Project Using Accelerator Mass Spectrometry Carbon Dating & Stable Isotope	2002	San Joaquin	\$396,088	California Department of Water Resources
Investigating In-Situ Low Intensity Chemical Dosing to Decrease Delta Waters Dissolved Organic Carbon Concentrations & Disinfection By-Product Precursors While Accelerating Wetland Peat Accretion Rates & Reducing Flood Risks	2002	Sacramento	\$767,135	United States Geological Survey
North Bay Aqueduct Watershed Best Management Practices	2002	Solano	\$399,608	Solano County Water Agency
North Bay Aqueduct Watershed Management & Alternative Intake Study	2002	Solano	\$188,500	Metropolitan Water District of Southern California & Friant Water Users Auth.
Reducing Non-Point Dissolved Organic Carbon & Nitrogen Exports Rice Fields: A Pilot Study & Quantitative Survey to Determine the Effects of Different Hydrologic & Straw Management Best Management Practices	2002	Contra Costa	\$869,715	Contra Costa Water District
Resolution of Outstanding Issues in Delta Hydrodynamics & Water Quality Models	2002	San Joaquin	\$155,000	K. T. Shum
Rock Slough & Old River Drainage Management	2002	Contra Costa	\$1,300,000	Contra Costa Water District
The Water You Play In Is The Water You Drink	2002	Contra Costa	\$982,655	Contra Costa County Clean Water Program
<i>Summary for 'Program Element' = <u>Drinking Water Quality</u> 13 projects</i>				
<i>Grant Dollars Awarded For Program Element:</i>			<i>\$6,927,012</i>	

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
<i>CBDA Program Element: Ecosystem Restoration</i>				
Microsatellite DNA for Management and Protection of Endangered Central Valley Chinook Salmon	1995	Sonoma	\$300,000	U.C. Davis Bodega Marine Laboratory
Banta-Carbona Fish Screen Project - CANCELLED	1996	See 97-M07	\$100,000	Banta - Carbona Irrigation District
Invasion of the Bay-Delta Estuary By Introduced Species-Introduction of Non-Indigenous Aquatic Species Research Program	1996	Multiple	\$197,000	San Francisco Estuary Institute
North Delta Area - Inventory of Rearing Habitat for Juvenile Salmon	1996	Solano	\$24,500	California State University, Sacramento
Prospect Island - Develop Monitoring Plan	1996	Solano	\$35,000	California Department of Water Resources
Prospect Island - Shallow Water Habitat/Wetlands Restoration Plan	1996	Solano	\$2,500,000	United States Army Corps of Engineers
Research to Predict Evolution of Restored Diked Wetlands	1996	Solano	\$575,172	School of Fisheries, University of Washington
Riparian Habitat Restoration Verona-Collinsville (Phase 1-Feasibility Study)	1996	Contra Costa, Sacramento, Solano, Sutter, Yolo	\$500,000	Department of Water Resources
Sherman Island - Levee Habitat Demonstration Project - CANCELLED	1996	Sacramento	\$480,000	California Department of Water Resources Central District
Yolo Bypass Habitat Restoration Study	1996	Yolo	\$226,000	California Dept of Water Resources
Assessment and Implementation of Urban Use Reduction of Diazion and Chlorpyrifos (Sacramento County)	1997	Sacramento	\$663,500	Sacramento Area Stormwater Permittees
Banta-Carbona Irrigation District Fish Screen Project	1997	San Joaquin	\$938,875	Banta-Carbona Irrigation District
Cosumnes Start-up Stewardship and Restoration	1997	Sacramento	\$1,985,100	The Nature Conservancy
Effects of Wetlands Restoration on Methyl Mercury Levels	1997	Multiple	\$546,171	University of California, Davis
Franks Tract Restoration	1997	Solano	\$323,186	Moffat and Nichol Engineers
Hastings Tract Fish Screen (Phase I - Feasibility Study)	1997	Solano	\$27,000	Hastings Island Land Company
In-Channel Island Restoration/Demonstration (Phase 1 - Permitting and Design)	1997	San Joaquin	\$270,270	Association of Bay Area Governments
Jepson Prairie Restoration and Conservation Plan	1997	Solano	\$244,801	Solano County Farmlands Open Space Foundation
Liberty Island Acquisition	1997	Solano, Yolo	\$8,926,000	US Fish & Wildlife Service
Monitoring of Delta Contaminants	1997	Multiple	\$100,000	San Francisco Baykeeper

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Role of Contaminants in the Decline of Delta Smelt in the Sacramento-San Joaquin Estuary.	1997	Multiple	\$437,326	University of California, Davis, Bodega Marine Laboratory
Sedimentation Movement and Availability and Monitoring in the Delta	1997	Multiple	\$1,047,010	United States Geological Survey
Tyler Island Levee Protection and Habitat Restoration Pilot Project	1997	Sacramento	\$885,202	Habitat Assessment & Restoration Team, Inc
Adult Fall-Run Chinook Salmon Movement in the Lower San Joaquin River and South Delta	1998	San Joaquin	\$285,000	California Department of Fish and Game, Bay-Delta and Special Water Projects Division
Algae Toxicity Study	1998	Multiple	\$500,000	Central Valley Regional Water Quality Control Board
Cache Slough Habitat Enhancement	1998	Solano	\$85,000	Reclamation District 2060
Cosumnes River Acquisition, Restoration Planning and Demonstration	1998	Multiple	\$750,000	The Nature Conservancy
Cosumnes River Salmonid Barrier Program	1998	Sacramento	\$188,255	Fishery Foundation of California
Culture of Delta Smelt	1998	Multiple	\$194,870	University of California, Davis, Department of Animal Science
Delta Dredging and Reuse Strategy	1998	Multiple	\$200,000	State Water Resources Control Board
Delta Dredging and Reuse Strategy	1998	Multiple	\$276,000	California Department of Fish and Game
Delta Dredging and Reuse Strategy	1998	Multiple	\$24,000	Delta Protection Commission
Developing a Methodology to Accurately Simulate Entrainment of Fish (Pump Barge Study)	1998	Multiple	\$200,000	CA Dept of Fish & Game
Discover the Flyway	1998	Multiple	\$49,000	Yolo Basin Foundation
Evaluation of Selenium Sources, Levels, and Consequences in the Delta	1998	Multiple	\$1,627,117	US Geological Survey
Fern-Headreach Tidal Perennial Aquatic and Shaded River Aquatic Conservation Project	1998	San Joaquin	\$425,000	L & L Farms
Hastings Tract Fish Screen (Phase II - Construction)	1998	Solano	\$271,250	Hastings Island Land Company
Hill Slough West Habitat Demonstration Project - Phase I	1998	Solano	\$200,000	California Department of Fish & Game
Local Watershed Stewardship Plan for the Lower Mokelumne River	1998	San Joaquin	\$159,000	San Joaquin County Resource Conservation District
Lower Putah Creek Watershed Stewardship Program	1998	Solano, Yolo	\$100,500	Solano County, Department of Environmental Management, Plan
Prospect Island Habitat Protection Project	1998	San Joaquin	\$2,000,000	US Army Corps of Engineers

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Reclamation District 2035 Fish Screen	1998	Yolo	\$100,000	Reclamation District 2035
Rhode Island Floodplain Management and Habitat Restoration - Phase I	1998	Contra Costa, San Joaquin	\$25,000	California Department of Fish & Game
Stone Lakes National Wildlife Refuge Land Acquisitions	1998	Sacramento	\$2,622,500	US Fish & Wildlife Service
Stone Lakes Water Hyacinth Education Program	1998	Sacramento	\$9,600	Sacramento Regional County Sanitation District
Support for McCormack-Williamson Tract	1998	Sacramento	\$24,000	Department of Water Resources
Twitchell Island Subsidence Study	1998	Sacramento	\$3,583,000	Department of Water Resources
An Evaluation of the Potential Impacts of the Chinese Mitten Crab (<i>Eriocheir sinensis</i>) on the Benthic Communities in the Sacramento-San Joaquin Delta and Suisun Bay	1999	Multiple	\$152,233	California Department of Water Resources
Assessment of Pesticide Effects on Fish & Their Food Resources in the Sacramento/San Joaquin Delta	1999	Multiple	\$1,586,894	University of California, Berkeley - Regents of the University of California
Chronic Toxicity of Environmental Contaminants in Sacramento Splittail - A Biomarker Approach	1999	Yolo	\$673,684	University of California, Davis - Animal Sciences
Cosumnes and Mokelumne Rivers Feasibility Study	1999	San Joaquin	\$1,007,800	East Bay Municipal Utility District / The Nature Conservancy
Dissolved Organic Carbon Release from Delta Wetlands, Part 1	1999	Multiple	\$1,434,449	United States Geological Survey
East Delta Habitat Corridor (Georgiana Slough)	1999	Sacramento	\$1,100,000	Habitat Assessment & Restoration Team, Inc
Fish Treadmill -- Developed Fish Screen Criteria for Native Sacramento-San Joaquin Watershed Fish	1999	Multiple	\$823,000	University of California, Davis, Wildlife, Fish, & Conservation Biology
Habitat Restoration on McCormack-Williamson Tract Levees	1999	Sacramento	\$860,778	The Nature Conservancy
Inundation of a Section of the Yolo Bypass to Restore Sacramento Splittail & Other Native Species. - CANCELLED	1999	Yolo	\$820,679	Natural Heritage Institute
Levee Setback Geomorphic Model	1999	Multiple	\$104,458	University of California, Davis
Lower Mokelumne Stewardship	1999	Sacramento, San Joaquin	\$227,000	San Joaquin Resource Conservation District
McCormack-Williamson Tract Acquisition	1999	Sacramento	\$5,356,000	The Nature Conservancy / California Wildlife Conservation Board
Prospect Island Monitoring Project - CANCELLED	1999	Solano	\$915,000	CA Dept of Water Resources
Purple Loosestrife Prevention, Detection & Control Actions for the Sacramento-San Joaquin River Delta System	1999	Multiple	\$127,473	California Department of Food & Agriculture

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Purple Loosestrife Prevention, Detection & Control in the Sacramento/San Joaquin Delta & Associated Hydrologic Units	1999	Multiple	\$201,306	California Department of Food & Agriculture
Reducing Risk of Importation & Distribution on Non-Native Invasive Species Through Outreach & Education	1999	Multiple	\$105,466	University of California, Davis
Reintroduction of Endangered Soft Bird's Beak to Restored Habitat	1999	Solano	\$178,889	University of California, Davis, Departmento of Environmental Science and Policy
Traveling Film Festival & Exhibit; McCormack-Williamson Restoration Film	1999	Multiple	\$51,500	Independent Documentary Group
Understanding Tidal Marsh Restoration Processes and Patterns: Validating and Extending the "BREACH" Conceptual Model	1999	Multiple	\$1,042,246	University of Washington, School of Fisheries
Zebra Mussel Detection & Outreach Project	1999	Multiple	\$100,000	California Department of Water Resources
Canal Ranch Habitat Restoration Phase II	2000	San Joaquin	\$135,940	California Department of Fish & Game
Culture of Delta Smelt Phase II & III	2000	Multiple	\$576,229	University of California Davis, Department of Animal Science
Dissolved Organic Carbon Release from Delta Wetlands - Part 2	2000	Multiple	\$1,030,000	United States Geological Survey
Liberty Island Acquisition and Restoration Phase I	2000	Solano, Yolo	\$2,701,734	US Fish & Wildlife Service
McCormack-Williamson Tract Phase II Monitoring Project	2000	Sacramento	\$572,886	University of California, Davis
McCormack-Williamson Tract Phase II Restoration Planning	2000	Sacramento	\$365,650	California Department of Water Resources
Demonstration Project for the Protection and Enhancement of Delta In-Channel Islands (Phase 2 - Construction & Monitoring)	2001	Contra Costa, San Joaquin	\$928,150	Association of Bay Area Governments
Digital Soil Survey Mapping and Digital Orthophotoquad Imagery Development	2001	Multiple	\$502,100	Natural Resources Conservation Service / California Conservation Partnership
Discover the Flyway II	2001	Yolo	\$197,987	Yolo Basin Foundation
Educating Farmers and Landowners in Biological Resource Management	2001	Merced, Solano, Yolo	\$1,066,593	Community Alliance with Family Farmers
Fay Island Restoration Project, Phase I	2001	Contra Costa, San Joaquin	\$744,148	California Department of Fish & Game
Feasibility Study of the Ecosystem and Water Quality Benefits Associated with Restoration of Franks Tract, Big Break, and Lower Sherman Lake - WAS 01-N18	2001	Contra Costa, Sacramento	\$1,218,105	California Department of Water Resources
Fish Treadmill -- Developed Fish Screen Criteria for Native Sacramento-San Joaquin Watershed Fish	2001	Multiple	\$1,362,878	University of California Davis
Food Resources for Zooplankton in the Sacramento-San Joaquin River Delta	2001	Multiple	\$576,422	UC Davis

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Juvenile Salmon Migratory Behavior Study in North, Central and South Delta	2001	Multiple	\$210,000	Natural Resource Scientists, Inc.
Lower Mokelumne River Restoration Program (Phase 2 - Woodbridge)	2001	San Joaquin	\$680,000	Woodbridge Irrigation District
Sedimentation in the Delta and Suisun Bay	2001	Multiple	\$1,367,684	United States Geological Survey
Staten Island Acquisition	2001	San Joaquin	\$35,110,873	The Nature Conservancy
The Influence of Flood Regimes, Vegetative and Geomorphic Structures on the Links Between Aquatic & Terrestrial Systems	2001	Sacramento	\$2,521,236	University of California, Davis
Transport, Transformation & Effects of Selenium and Carbon in the Delta: Implications for Ecosystem Restoration Program	2001	Contra Costa	\$2,600,000	United States Geological Survey
Watershed Stewardship in Marsh Creek: A Project to Protect Water Quality in the Western Delta	2001	Contra Costa	\$126,000	Natural Heritage Institute
Yolo Bypass Management Strategy, Phase II	2001	Solano, Yolo	\$210,000	Yolo Basin Foundation
Delta Smelt Culture and Research Program	2002	Contra Costa	\$400,000	University of California, Davis
Determining the Mechanisms Relating Freshwater Flow & Abundance of Estuarine Biota (the "Fish-X2" relationships): Phase I	2002	Multiple	\$509,222	San Francisco State University-Romberg Tiburon Center
Distribution & Ecology of Lepidium Latifolium in Bay-Delta Wetlands	2002	Multiple	\$223,050	Environmental Science Associates
Dutch Slough Tidal Marsh Restoration Project	2002	Contra Costa	\$1,500,000	CA Dept of Fish & Game
Evaluation of Mercury Transformations & Trophic Transfer in the San Francisco Bay/Delta: Identifying Critical Processes for the Ecosystem Restoration Program	2002	Contra Costa, Sacramento	\$2,262,567	US Geological Survey
Geomorphic & Geologic Mapping for Restoration Planning, Sacramento-San Joaquin Delta Region	2002	Sacramento, Solano	\$120,000	William Lettis & Associates, Inc.
Life History of Egeria Densa in the Delta: Factors Controlling Production & Fragment Viability	2002	Contra Costa	\$327,937	Portland State University
McCormack-Williamson Tract Restoration: Wildlife-Friendly Levee Management	2002	Sacramento	\$2,476,835	The Nature Conservancy
Primary Production in the Delta: Monitoring Design, Data Analysis and Forecasting	2002	Multiple	\$315,811	University of California, Davis
Reclamation District No. 108 Consolidated Pumping Facility and Fish Screen	2002	Colusa, Yolo	\$630,000	Reclamation District 108
Restoring Ecosystem Integrity in the Northwest Delta: Phase II	2002	Solano	\$246,370	Solano County Farmlands Open Space Foundation
Staten Island Wildlife-Friendly Farming Demonstration	2002	San Joaquin	\$1,507,459	Ducks Unlimited, Inc.

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Sustainable Restoration Technologies for Bay/Delta Tidal Marsh & Riparian Habitat	2002	Sacramento, Solano, Yolo	\$1,800,000	H.A.R.T., Inc.
The Ecological & Economic Costs & Benefits of Alternative Agricultural Practices: Sediment, Nutrient, & Pesticides in Runoff From Conservation Tillage & Cover Cropped Systems	2002	Stanislaus, Yolo	\$1,892,916	UC Davis

Summary for 'Program Element' = Ecosystem Restoration 103 projects

Grant Dollars Awarded For Program Element:

\$121,116,842

CBDA Program Element: Levees

Demonstration of Technique for Reversing the Effects of Subsidence in the Sacramento-San Joaquin Delta	2000	Sacramento	\$3,351,850	United States Geological Survey, Northwest Hydraulics Consultants, Hydrofocus
Bacon Island	2001	San Joaquin	\$1,278,913	Reclamation District 2028
Bethel Island	2001	Contra Costa	\$123,181	Bethel Island Municipal Improvement District
Bishop Tract	2001	San Joaquin	\$27,079	Reclamation District 2042
Bouldin Island	2001	San Joaquin	\$183,462	Reclamation District 756
Brack Tract	2001	San Joaquin	\$35,043	Reclamation District 2033
Bradford Island	2001	Contra Costa	\$4,867	Reclamation District 2059
Brannan-Andrus	2001	Sacramento	\$557,356	Brannan-Andrus Levee Maintenance District
Byron Tract	2001	Contra Costa	\$387,866	Reclamation District 800
Cache-Hass Slough	2001	Solano	\$405	Reclamation District 2098
Canal Ranch Tract	2001	San Joaquin	\$19,999	Reclamation District 2086
Coney Island	2001	Contra Costa	\$5,952	Reclamation District 2117
Egbert Tract	2001	Solano	\$4,366	Reclamation District 536
Empire Tract	2001	San Joaquin	\$115,479	Reclamation District 2029
Fabian Tract	2001	San Joaquin	\$31,438	Reclamation District 773
Fay Island	2001	San Joaquin	\$15,448	Reclamation District 2113
Grand Island	2001	Sacramento	\$48,164	Reclamation District 3
Hasting Tract	2001	Solano	\$24,018	Reclamation District 2060

Levees

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Holland Tract	2001	Contra Costa	\$2,321	Reclamation District 2025
Hotchkiss Tract	2001	Contra Costa	\$95,864	Reclamation District 799
Jersey Island	2001	Contra Costa	\$216,564	Reclamation District 830
Jones Tract, Lower	2001	San Joaquin	\$199,813	Reclamation District 2038
Jones Tract, Upper	2001	San Joaquin	\$158,544	Reclamation District 2039
King Island	2001	San Joaquin	\$173,995	Reclamation District 2044
Lisbon District	2001	Yolo	\$21,381	Reclamation District 307
Mandeville Island	2001	San Joaquin	\$89,526	Reclamation District 2027
McCormack-Williamson Tract	2001	Sacramento	\$335,388	Reclamation District 2110
McDonald Island	2001	San Joaquin	\$231,525	Reclamation District 2030
Medford Island	2001	San Joaquin	\$32,746	Reclamation District 2041
Netherlands	2001	Yolo	\$33,877	Reclamation District 999
New Hope Tract	2001	San Joaquin	\$24,549	Reclamation District 348
Orwood/Palm Tract	2001	Contra Costa	\$434,271	Reclamation District 2024
Pescadero District	2001	San Joaquin	\$2,243	Reclamation District 2058
Quimby Island	2001	Contra Costa	\$605,913	Reclamation District 2090
Rindge Tract	2001	Yolo	\$231,914	Reclamation District 2037
Roberts Island, Lower	2001	San Joaquin	\$109,995	Reclamation District 684
Roberts Island, Middle	2001	Contra Costa	\$37,066	Reclamation District 524
Roberts Island, Upper	2001	San Joaquin	\$17,266	Reclamation District 544
Ryer Island	2001	Contra Costa	\$94,866	Reclamation District 501
Sargent-Barnhart Tract	2001	San Joaquin	\$67,804	Reclamation District 2074
Sherman Island	2001	San Joaquin	\$288,965	Reclamation District 341
Shima Tract	2001	San Joaquin	\$3,720	Reclamation District 2115
Smith Tract	2001	San Joaquin	\$11,405	Reclamation District 1614

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Stark Tract	2001	Solano	\$1,665	Reclamation District 2089
Terminus Tract	2001	Contra Costa	\$8,174	Reclamation District 548
Twitchell Island	2001	Sacramento	\$187,973	Reclamation District 1601
Tyler Island	2001	San Joaquin	\$362,153	Reclamation District 563
Union Island, East	2001	San Joaquin	\$29,323	Reclamation District 1
Union Island, West	2001	San Joaquin	\$236,348	Reclamation District 2
Van Sickle Island	2001	Solano	\$2,226	Reclamation District 1607
Veale Tract	2001	Contra Costa	\$28,849	Reclamation District 2065
Venice Island	2001	San Joaquin	\$285,910	Reclamation District 2023
Victoria Island	2001	San Joaquin	\$124,578	Reclamation District 2040
Weber Tract	2001	San Joaquin	\$36,469	Reclamation District 828
Winter Island	2001	Contra Costa	\$132,942	Reclamation District 2122
Woodward Island	2001	San Joaquin	\$77,252	Reclamation District 2072
Wright-Elmwood Tract	2001	San Joaquin	\$17,395	Reclamation District 2119
Yolano	2001	Solano	\$8,067	Reclamation District 2068
Bacon Island	2002	San Joaquin	\$117,932	Reclamation District 2028
Bethel Island	2002	Contra Costa	\$83,369	Bethel Island Municipal Improvement District
Bishop Tract	2002	San Joaquin	\$15,082	Reclamation District 2042
Bouldin Island	2002	San Joaquin	\$24,944	Reclamation District 756
Brack Tract	2002	San Joaquin	\$94,643	Reclamation District 2033
Brannan-Andrus	2002	Sacramento	\$274,870	Brannan-Andrus Levee Maintenance District
Byron Tract	2002	Contra Costa	\$124,808	Reclamation District 800
Canal Ranch Tract	2002	San Joaquin	\$6,147	Reclamation District 2086
Coney Island	2002	Contra Costa	\$16,313	Reclamation District 2117
Egbert Tract	2002	Solano	\$10,071	Reclamation District 536

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Empire Tract	2002	San Joaquin	\$30,960	Reclamation District 2029
Fabian Tract	2002	San Joaquin	\$19,534	Reclamation District 733
Fay Island	2002	San Joaquin	\$38,515	Reclamation District 2113
Grand Island	2002	Sacramento	\$39,256	Reclamation District 3
Hasting Tract	2002	Solano	\$30,794	Reclamation District 2060
Holland Tract	2002	Contra Costa	\$25,647	Reclamation District 2025
Hotchkiss Tract	2002	Contra Costa	\$44,657	Reclamation District 799
Jersey Island	2002	Contra Costa	\$216,372	Reclamation District 830
Jones Tract, Lower	2002	San Joaquin	\$99,201	Reclamation District 2038
Jones Tract, Upper	2002	San Joaquin	\$48,645	Reclamation District 2039
King Island	2002	San Joaquin	\$166,309	Reclamation District 2044
Mandeville Island	2002	San Joaquin	\$157,679	Reclamation District 2027
McCormack-Williamson Tract Restoration, Planning, Design & Monitoring	2002	Sacramento	\$355,000	California Department of Water Resources
McDonald Island	2002	San Joaquin	\$274,655	Reclamation District 2030
Medford Island	2002	San Joaquin	\$63,390	Reclamation District 2041
Netherlands	2002	Yolo	\$56,443	Reclamation District 999
New Hope Tract	2002	San Joaquin	\$36,032	Reclamation District 348
Orwood/Palm Tract	2002	Contra Costa	\$6,340	Reclamation District 2024
Pescadero District	2002	San Joaquin	\$1,723	Reclamation District 2058
Quimby Island	2002	Contra Costa	\$158,096	Reclamation District 2090
Rindge Tract	2002	Yolo	\$31,368	Reclamation District 2037
Roberts Island, Lower	2002	San Joaquin	\$129,807	Reclamation District 684
Roberts Island, Middle	2002	Contra Costa	\$14,893	Reclamation District 524
Roberts Island, Upper	2002	San Joaquin	\$169,581	Reclamation District 544
Ryer Island	2002	Contra Costa	\$31,654	Reclamation District 501

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Sargent-Barnhart Tract	2002	San Joaquin	\$35,305	Reclamation District 2074
Sherman Island	2002	San Joaquin	\$68,831	Reclamation District 341
Shima Tract	2002	San Joaquin	\$2,383	Reclamation District 2115
Smith Tract	2002	San Joaquin	\$23,175	Reclamation District 1614
Stark Tract	2002	Solano	\$11,019	Reclamation District 2089
Terminus Tract	2002	Contra Costa	\$152,217	Reclamation District 548
Twitchell Island	2002	Sacramento	\$109,313	Reclamation District 1601
Tyler Island	2002	San Joaquin	\$148,794	Reclamation District 563
Union Island, East	2002	San Joaquin	\$27,977	Reclamation District 1
Union Island, West	2002	San Joaquin	\$46,052	Reclamation District 2
Van Sickle Island	2002	Solano	\$8,414	Reclamation District 1607
Veale Tract	2002	Contra Costa	\$7,560	Reclamation District 2065
Venice Island	2002	Contra Costa	\$197,306	Reclamation District 2023
Victoria Island	2002	Contra Costa	\$116,090	Reclamation District 2040
Webb Tract	2002	Contra Costa	\$66,526	Reclamation District 2026
Winter Island	2002	Contra Costa	\$56,127	Reclamation District 2122
Woodward Island	2002	San Joaquin	\$107,622	Reclamation District 2072
Wright-Elmwood Tract	2002	San Joaquin	\$20,977	Reclamation District 2119
Yolano	2002	Solano	\$16,100	Reclamation District 2068
Bethel Island	2003	Contra Costa	\$125,905	Bethel Island Municipal Improvement District
Bradford Island	2003	Contra Costa	\$3,040,341	Reclamation District 2059
Empire Tract	2003	San Joaquin	\$37,500	Reclamation District 2029
Grand Island	2003	Sacramento	\$2,420	Reclamation District 3
Hotchkiss Tract	2003	Contra Costa	\$61,875	Reclamation District 799
Jersey Island	2003	Contra Costa	\$2,475,232	Reclamation District 830

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New Hope Tract	2003	San Joaquin	\$1,283,244	Reclamation District 348
Sherman Island	2003	San Joaquin	\$2,730,869	Reclamation District 341
Twitchell Island	2003	Sacramento	\$187,973	Reclamation District 1601
Van Sickle Island	2003	Solano	\$2,226	Reclamation District 1607
Webb Tract	2003	Contra Costa	\$145,756	Reclamation District 2026
Summary for 'Program Element' = Levees 123 projects				
Grant Dollars Awarded For Program Element:			\$25,605,590	

CBDA Program Element: Science

Science Program Directed Action for Ecological Evaluation of Yolo Bypass to Support Floodplain Restoration	2001	Yolo	\$395,500	California Department of Water Resources
Co-Sponsored Delta Island Subsidence and Accretion	2002	San Joaquin	\$240,000	United States Geological Survey
Co-Sponsored Peer Review of North Delta Flood Models with Levee Program	2002	Multiple	\$15,000	Association of Bay Area Governments /University of California
Delta Water Quality: Analysis of Existing Data to Establish a Baseline	2002	San Joaquin	\$231,225	University of Washington
Ecological Evaluation of Yolo Bypass to Support Floodplain Restoration	2002	Yolo	\$791,000	California Department of Water Resources
Genetic Identification Methods for Splittail in the Sacramento Watershed	2002	Sacramento	\$256,544	University of California Davis
Hydroacoustic Surveys to Determine the Distribution of Fish in the Sacramento River Near the Delta Cross Channel	2002	Sacramento	\$88,829	United States Bureau of Reclamation
Hydrodynamic and Transport Mechanisms in the Delta	2002	Multiple	\$1,100,000	United States Geological Survey
Install and Operate Five Flow Meters in the North Delta for the Delta Cross Channel Through Delta Facility Studies at the Delta Cross Channel	2002	Sacramento	\$519,000	United States Geological Survey
Interagency Ecological Program Fish Presence, Abundance, and Location Data	2002	Sacramento, San Joaquin	\$496,000	United States Geological Survey
Pilot Wetlands Monitoring - Organized Multidisciplinary Team to Conduct Integrated Studies (Phase I)	2002	Multiple	\$1,500,000	Multiple Recipients*
Pilot Wetlands Monitoring Team Conduct Integrated Studies (Phase II)	2002	Sacramento	\$3,700,000	San Francisco State University
Replaced In-Situ Flow Monitoring Equipment in the Delta	2002	Sacramento	\$262,706	United States Geological Survey

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Research Studies Including the Tagging of Salmon Smolt to Determine Migratory Routes Near the Delta Cross Channel Under Different Tides and Gate Operations	2002	Merced	\$26,660	San Luis & Delta-Mendota Water Agency
Research Studies of the Migratory Pathways of Adult Salmon, Sturgeon, and Striped Bass and the Influence of the Delta Cross Channel on Those Pathways	2002	Sacramento	\$385,057	California Department of Fish & Game
The Spatial Ecology and Population Dynamics of Delta Smelt Revealed by Otolith Biogeochemistry	2002	Multiple	\$88,312	University of California Davis
Summary for 'Program Element' = Science 16 projects				
Grant Dollars Awarded For Program Element:			\$10,095,833	

CBDA Program Element: Storage

East Stockton Water District Pilot Project	2001	San Joaquin	\$1,341,000	Stockton East Water District
Enhancement of the San Joaquin County Groundwater Monitoring Program	2001	San Joaquin	\$250,000	San Joaquin County Flood Control and Water Conservation District
Yolo County Groundwater Feasibility Study	2001	Yolo	\$385,000	Yolo County Flood Control & Water Conservation District
Develop Groundwater Monitoring Program for The Non-Urban Portions of the Valley Area in Yolo County	2002	Yolo	\$200,000	Yolo County Flood Control & Water Conservation District
Davis, City of	2003	Yolo	\$225,000	Davis, City of
Dunnigan Water District	2003	Yolo	\$249,830	Dunnigan Water District
Reclamation District 2068	2003	Yolo	\$249,614	Reclamation District 2068
Summary for 'Program Element' = Storage 7 projects				
Grant Dollars Awarded For Program Element:			\$2,900,444	

CBDA Program Element: Water Use Efficiency

Irrigation Web Page, Computer Program To Provide Evapotranspiration Comparisons on Water Bills & Develop Outreach Program to Inform Users of Tools & Services Available to Improve Water Management	2000	Solano	\$24,400	Solano Irrigation District
Purchase Equipment to Develop County-Wide Water-Well Pump Testing	2001	Solano	\$24,044	Solano Irrigation District

<i>Project Title</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Purchase of a Central Control Irrigation Station for the City of Suisun & Hand-Held Data Loggers/Recorders	2001	Solano	\$24,950	Solano County Water Agency
Sub-Surface Drip Irrigation of Asparagus	2001	San Joaquin	\$299,500	Golden State Irrigation Services, Inc.
Banta-Carbona Irrigation District Modernization Feasibility Study	2002	San Joaquin	\$99,204	Banta-Carbona Irrigation District
Large Landscape Irrigation System Incentive Program	2002	Sacramento	\$150,000	Regional Water Authority, Sacramento
Leak Detection and Repair Program	2002	Sacramento	\$386,750	Regional Water Authority, Sacramento
Spill Reduction Feasibility Study	2002	Solano	\$89,000	Solano Irrigation District
Water Meter Project	2002	Contra Costa	\$49,000	Pleasantimes Mutual Water Company, Inc.

Summary for 'Program Element' = Water Use Efficiency 9 projects

Grant Dollars Awarded For Program Element: \$1,146,848

CBDA Program Element: Watershed

Contra Costa County Watershed Atlas and Creek Restoration Strategy	2001	Contra Costa	\$50,000	Contra Costa County Community Development Department
Lower Mokelumne River Watershed Education Project	2001	San Joaquin	\$70,140	City of Lodi, Lodi Lake Nature Area Docent Council
Lower Putah Creek Watershed Assessment and Stewardship Implementation Program	2001	Solano, Yolo	\$600,000	Solano County Water Agency
Yolo Bypass Watershed Planning Project	2001	Sacramento, Yolo	\$288,081	City of Woodland
Putah Creek - Yolo Housing Authority Project	2002	Solano, Yolo	\$279,655	Solano County Water Agency
Upper Mokelumne River Watershed Assessment	2002	Contra Costa, San Joaquin	\$200,000	Upper Mokelumne River Watershed Authority

Summary for 'Program Element' = Watershed 6 projects

Grant Dollars Awarded For Program Element: \$1,487,876

* See Complete Grant For More Detail.

Summary for 'Region' = Delta 277 projects

Total Grant Dollars Awarded: \$169,280,445